

Claims

1. An adhesive comprising
 - 5 a polymer obtainable by free-radical addition polymerization of ethylenically unsaturated compounds (monomers) and synthesized from at least 60% by weight of principal monomers selected from C1 to C20 alkyl (meth)acrylates, vinyl esters of carboxylic acids containing up to 20 carbon atoms, vinylaromatics having up to 20 carbon atoms, ethylenically
 - 10 unsaturated nitriles, vinyl halides, vinyl ethers of alcohols containing 1 to 10 carbon atoms, aliphatic hydrocarbons having 2 to 4 carbon atoms and one or two double bonds, and mixtures of these monomers, and from more than 1% by weight of monomers containing at least two nonconjugated polymerizable vinyl groups.
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2. An adhesive according to claim 1, wherein the polymer is synthesized from at least 60% by weight of C1 to C20 alkyl (meth)acrylates.
3. An adhesive according to claim 1 or 2, wherein the polymer is synthesized from
 - 20 1.1% to 5% by weight of alkanediol diacrylates or alkanediol dimethacrylates.
4. An adhesive according to any one of claims 1 to 3, wherein the polymer is an emulsion polymer.
- 25 5. An adhesive according to any one of claims 1 to 4, wherein the adhesive otherwise contains no further crosslinkers.
6. An adhesive according to any one of claims 1 to 5, being a pressure-sensitive adhesive.
- 30 7. The use of an adhesive according to any one of claims 1 to 6 for joining two substrates of which at least one is made of PVC.
8. The use of an adhesive according to any one of claims 1 to 6 for joining two
 - 35 substrates of which at least one is made of plasticized PVC.
9. The use according to claim 7 or 8, wherein the adhesive/pressure-sensitive adhesive is applied to backing material made of unplasticized or plasticized PVC.
- 40 10. A self-adhesive article obtainable through use according to claim 9.